

IN THE SPECIFICATION

Please replace the paragraph beginning at page 4, line 24 to page 5, line 4, with the following rewritten paragraph:

As downlink shared channels utilized in uplink packet communication, there exist a DL-SACCH 108 (downlink Scheduling Assignment Control Channel) used for posting an assigned position (transmission time) by a scheduler as that for transmission of control information and a DL-ACK/NACK-CCH 111 (downlink-ACK/NACK ~~Control~~ Control Channel) for posting success/failure of receiving of uplink packet data in the base station 101.

Please replace the paragraph at page 5, lines 12-18, with the following rewritten paragraph:

As uplink shared channels utilized in uplink packet communication, there are a UL-SICCH 107 (Uplink Scheduling Information Control Channel) utilized for posting presence/absence of transmission data in the terminal 100, a UL-TFRI-CCH 109 (Uplink TFRI Control Channel) utilized for posting a modulation system, a coding rate and a transmission rate or the like selected by the terminal 100 to the base station 101 and an EUDTCH 110 (Enhanced ~~Uplink~~ Uplink Dedicated Transport Channel) utilized for transmitting a data body of an uplink packet.

Please replace the paragraph at page 8, lines 2-10, with the following rewritten paragraph:

The base station 200 needs to post the margin of allowed transmission power to the terminal 100 with respect to a transmission permission request transmitted from the terminal by utilizing the UL-SICCH 107. An interference measuring part 219 measures a current interference quantity also inclusive of an interference quantity in another cell. In

consideration of this value and power etc. utilized for another voice channel etc., a base station total interference quantity prediction part 223 predicts a total interference quantity at a point of time when it is the EUDTCH 110 is transmitted from the terminal 100 by utilizing the EUDTCH 110, and a terminal transmission power margin transmission part 224 transmits the same to each terminal by utilizing the DL-SACCH 108.

Please replace the paragraph at page 11, lines 5-16, with the following rewritten paragraph:

A permitted transmission power margin transmitted from the base station 200 by utilizing the DL-SACCH 108 with respect to transmission permission transmitted from the terminal 300 to the base station 200 by utilizing the UL-SICCH 107 is supplied to a transmission margin receiving part 319 through the demodulation part 311. The transmission margin receiving part 319 posts the maximum power permitted to the terminal to a transmission power control part 325. According to a user's instruction, data to be transmitted through an upper layer is stored in an uplink packet communication transmission data buffer 324. The uplink packet communication transmission data buffer 324 posts the fact that there is the data to be transmitted in the buffer to a transmission decision part 320. The transmission decision part 320 decides a TFCI (Transport Format ~~Combination~~ Combination Indicator) when transmitting a packet, and posts the same to a TFRI transmission processing part 323.

Please replace the paragraph beginning at page 12, lines 4-12, with the following rewritten paragraph:

The base station 200 transmits the ACK/NACK response signal with respect to the packet data transmitted from the terminal 300 by utilizing the EUDTCH 110 to a terminal

~~500~~ 300 by utilizing the DL-ACK/NACK-CCH 111. The ACK/NACK signal transmitted by the DL-ACK/NACK-CCH 111 is supplied to a response signal receiving part 321 through the demodulation part 311. The receiving result is posted to the uplink packet communication transmission data buffer 324. The uplink packet communication transmission data buffer 324 performs retransmission when the receiving result is the NACK, while deleting transmitted data and transmitting a next packet in a case of the ACK. These series of flows are repeated in uplink packet communication.

Please replace the paragraph at page 12, lines 13-24, with the following rewritten paragraph:

Flows of downlink packet communication are now described. The base station 200 transmits the pilot signal to the terminal 300 present in the cell by utilizing the CPICH 102. Further, the DPCH 103 is set at the time of a communication state. When the base station ~~404~~ 200 starts data transmission, it transmits information including a modulation system necessary for demodulating packet data transmitted to the terminal 300 by the HS-DSCH 106, a coding rate etc. by utilizing the HS-SCCH 105. The terminal 300 receives this information, and starts demodulating the packet data transmitted by the HS-DSCH 106 by utilizing the same if the same is destined therefor. It neglects the same if the same is not destined therefor. The terminal ~~400~~ 300 performs collation of the demodulated data, and transmits the ACK to the base station 200 by utilizing the HS-DPCCH 104 when it seems that there is no error, while transmitting the NACK when it seems that there is an error.

Please replace the paragraph at page 14, lines 21-24, with the following rewritten paragraph:

The EUDTCH transmission processing part 322 receiving this output of the TFRI transmission processing part 323 transmits the packet stored in the uplink packet communication transmission data buffer 324 on the basis of the TFCI selected in the transmission power control part 325 within a limit.

Please replace the paragraph beginning at page 15, line 14 to page 16, lines 8, with the following rewritten paragraph:

When the operation of the terminal 300 starts, an initial TFCI table and priority information indicating the purport that priority is given to uplink communication or downlink communication are set in a transmission power control part 325 (storage means) provided in the terminal 300 (~~S100~~ S102). When initialization ends, the transmission power control part 325 confirms that priority is internally given to uplink communication or downlink communication (~~S102~~ S104). It advances to a step S200 when the confirmation result indicates that priority is given to downlink communication, and advances to a step S300 when the same indicates that priority is given to uplink communication. Whether priority is given to uplink communication or downlink communication is desirably properly changed. For example, it changes preferential communication in response to an input signal from the user. When priority is given in response to the input from the user, it is possible to implement optimum communication in response to communication service the user hopes to receive. The terminal may comprise voice signal is input, for switching the priority information indicating that priority is given to uplink communication or downlink communication set in the transmission power control part 325 in response to the result of detection of this voice signal detection means. When doing so, it is possible to provide a terminal and a

communication system giving priority to uplink communication when the user is in conversation while giving priority to downlink communication when the user is not in conversation.

Please replace the paragraph beginning at page 18, lines 5-8, with the following rewritten paragraph:

On the basis of estimation of excess power through the step S209, the selectable TFCI in the transmission power control part 325 is limited (S211). Due to this limit, the following description is made assuming that selectable TFC indicators in the TFCI table of Fig. 9 are limited to those of #1 to #3.

Please replace the paragraph at page 18, line 24 to page 19, lines 13, with the following rewritten paragraph:

After the step S215, the transmission power control part 325 instructs the transmission decision part 320 to perform transmission of the uplink packet data. On the basis of this instruction, the SICCH transmission processing part 326 transmits a signal requesting transmission permission by utilizing the SICCH. This request signal is received in the base station 200, and a signal indicating the subframe position and the transmission margin is input in the subframe position/transmission margin receiving part 319 by utilizing the DL-SACCH when transmission is permitted. The uplink packet data is output from the EUDTCH transmission processing part 322 to the subframe position output from the subframe position/transmission margin receiving part 319. The transmission decision part 320 delivers the TFCI to the base station 200 before the transmission timing for the uplink packet data whether or not it receives the transmission request from the uplink packet transmission data buffer 324 after the step ~~S215~~ S215. Therefore, the updated TFCI has arrived at the base station 200 at the time of transmitting the uplink packet data, and the

demodulation part 211 and the decoding part 221 enter states capable of receiving the uplink data on the basis of the changed TFCI.

Please replace the paragraph at page 19, line 17-23, with the following rewritten paragraph:

When the determination result at the step S205 indicates that a scheduled ACK/NACK position is in the frame currently under transmission, it is not possible to change setting of the demodulation part 211 and the decoding part 221 of the base station ~~400~~ 200 before transmitting the ACK/NACK even if it changes the set TFCI. Therefore, it stops transmitting the ACK/NACK in this case, so that at least the uplink packet data arrives at the base station ~~400~~ 200 (S207). Thereafter it performs operations of the steps 209 to 217 similarly to other cases.

Please replace the paragraph at page 20, lines 11-16, with the following rewritten paragraph:

When the determination result at the step S219 indicates that the downlink packet data does not come awhile, on the other hand, it cancels the limit of the selection range of the TFCI table of the transmission power control part 325, and selects the TFCI on the basis of the detected uplink packet data quantity (S213). It thereafter performs the operations of the steps S215 to ~~219~~ S219 and makes a transition to the state of ① in Fig. 6.

Please replace the paragraph at page 21, lines 24-25, with the following rewritten paragraph:

After the step S325, it advances to the step ~~S325~~ S315, at which a TFCI responsive to the data quantity of the uplink packet data is selected (S315).

Please replace the paragraph at page 22, lines 9-15, with the following rewritten paragraph:

When making communication with a base station retransmitting the same downlink packet data in a case where the ACK/NACK could not be received after a lapse of a prescribed time from transmission of the downlink packet data, the downlink packet data is retransmitted from the aforementioned base station and a communication network is wasted if stopping transmitting the ACK/NACK in the terminal ~~400~~ 300. Therefore, setting of transmitting a cancel command (retransmission stop signal) for stopping retransmitting the downlink packet data from the terminal ~~400~~ 300 may also be provided.

Please replace the paragraph at page 23, lines 19-25, with the following rewritten paragraph:

If a desired TFCI is present among the retrieved TFCIs, it selects this TFCI (S313, ~~345~~ S315). When newly selecting a TFC indicator, the transmission power control part 325 changes the TFC set in the TFCI transmission processing part 323 (transmission signal control means). Due to this change, the modulation part 301 detects the changed TFCI when the TFCI signal is transmitted next, and changes the gain factor set in the modulation part 301 to the gain factor responsive to the TFCI after transmission of the TFCI signal (S317).

Please replace the paragraph at page 24, lines 1-5, with the following rewritten paragraph:

Following the step S317, the transmission power control part 325 posts a transmission permission request signal by the SICCH to the base station ~~404~~ 200, transmits the TFCI signal after this post, and performs transmission of the uplink packet data by the EUDTCH by receiving a response to the aforementioned post from the base station 101 (S319).

Please replace the paragraph at page 24, lines 8-12, with the following rewritten paragraph:

If there is no one capable of transmitting the uplink packet data and the ACK/NACK or the CQI by the HS-DPCCH among the transmittable TFCIs also when increasing the Repetition number (S313), it stops transmitting the ACK/NACK or the CQI (S325), and selects a TFCI responsive to the transmission quantity of the uplink packet data (S315). It thereafter performs the operations of the steps S317 to ~~319~~ S319.

Please replace the paragraph beginning at page 25, line 23 to page 26, line 3, with the following rewritten paragraph:

A TFCI table shown in CASE.D is assumed not to transmit the ACK/NACK or the like when ~~transmitting~~ utilizing a DCCH, and assumed to render the Repetition number of the ACK/NACK and the CQI once or twice and transmit the same only when not ~~transmitting~~ utilizing the DCCH. The DCCH is a channel transmitting control information. It is possible to implement a terminal not much sacrificing downlink communication while giving priority to transmission of uplink data to the utmost by setting this TFCI table.

Please replace the paragraph at page 28, lines 6-12, with the following rewritten paragraph:

Further, it changes priority information stored in a storage unit (transmission power control part 325) in response to a detection result of voice signal detection means detecting whether or not a voice entry is made, whereby it is possible to automatically set the priority information stored in the storage unit to automatically give priority to the uplink communication when the user starts conversation and to give priority to ~~uplink~~ downlink communication while the user stops the conversation.

Please replace the paragraph beginning at page 30, line 25 to page 31, line 5, with the following rewritten paragraph:

While the terminal according to the embodiment 1 has executed the ACK/NACK transmission stop processing (S325) shown in Fig. 8 thereby stopping transmitting the ACK/NACK or the CQI and giving priority to transmission of the uplink packet data, a terminal according to this embodiment 4 has a feature in a point of selecting a used TFCI from a TFCI table shown in Fig. ~~12(a)~~12 thereby stopping transmitting an ACK/NACK or a CQI.

Please replace the paragraph at page 31, lines 11-13, with the following rewritten paragraph:

In selection of the TFCI, the range allowing selection of the terminal is first decided. It is assumed here that TFC indicators #9 to #12 are limited and TFC indicators #0 to #8 are decided as the selectable range, for example.

Please replace the paragraph at page 31, lines 14-16, with the following rewritten paragraph:

Subsequently in the selectable range (#0 to #8), TFC indicators (#8, #7, #4 and #2) of the maximum transmission rate usable in a channel (TrCH1) having high priority are selected.

Please replace the paragraph at page 31, lines 20-23, with the following rewritten paragraph:

Then, if there are a plurality of selected TFC indicators, a TFC indicator (#8) of the maximum transmission rate usable in a channel (HS-DPCCH) having subsequently high priority is selected. ~~If the same can be transmitted by utilizing the HS-DPCCH can be transmitted~~ even if being transmitted by utilizing TrC1 and TrC2 are transmitted as described above, the same is transmitted by utilizing the HS-DPCCH ~~is transmitted~~.

Please replace the paragraph at page 32, lines 6-7, with the following rewritten paragraph:

Therefore, TrCH1 and TrCH2 [[2]] preferentially ensure transmission power, and transmission ~~of~~ by utilizing the HS-DPCCH is limited.

Please replace the paragraph at page 33, lines 3-8, with the following rewritten paragraph:

The operation of limiting the range of the TFCI table that may be used for the uplink data from power remaining when transmitting the ACK/NACK (CQI) at the step S211 is equal to an operation of selecting TFC indicators capable of transmitting by utilizing the HS-DPCCH which is the channel having the highest priority and selecting a TFC indicator maximizing the transmission rate of the channel having subsequently high priority from the selected TFC indicators.

Please delete the Abstract at page 42, lines 1-16 in its entirety and insert therefor the following new replacement Abstract.